

WO 2005/032770

PCT/SE2004/001407

7/10

5

Claims.

1. Power tool having a housing (10) with a rotation motor, an output shaft (11), and a reduction gearing (12) connecting the motor to the output shaft (11) and comprising at least one planetary gearing (14) with a sun gear (30), a ring gear (22), two or more planet wheel units (35), and a planet wheel carrier (32),
c h a r a c t e r i z e d in that the each planet wheel unit (35) comprises two axially spaced spur gears (36,37) mounted on a common spindle (38), and said spindle (38) is rotatively journalled relative to the planet wheel carrier (32) via a bearing (39) located between said two spur gears (36,37).
2. Power tool according to claim 1, wherein one of said two spur gears (37) is rigidly secured to said spindle (38).
3. Power tool according to claim 1 or 2, wherein said bearing (39) is a needle bearing.
4. Power tool according to anyone of claims 1-3, wherein said sun gear (30) forms a part of a planet wheel carrier (25,30) of a preceding reduction gearing stage.

BEST AVAILABLE COPY